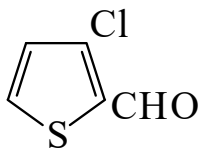




>>Entry Name: 3-Chloro-2-thiophenecarboxaldehyde, 9Cl

Synonym(s): 3-Chloro-2-formylthiophene



CAS Registry Number: 67482-48-8

Molecular Formula: C₅H₃ClOS

Molecular Weight: 146.597

Accurate Mass: 145.959312

Percentage Composition: C 40.97%; H 2.06%; Cl 24.18%; O 10.91%; S 21.87%

Physical Description: Liq.

Boiling Point: Bp₁₄ 100-101°

>>Derivative: Semicarbazone

Physical Description: Shiny leaflets (EtOH)

Melting Point: Mp 214-216 dec.°

>>Derivative: Thiosemicarbazone

Physical Description: Yellow needles (EtOH)

Melting Point: Mp 213-214 dec.°

References:

Profft, E. *et al.*, *J. Prakt. Chem.*, 1964, **24**, 38, (*synth*)